

# Review of: "Effect of Supplementation with Moringa Oleifera on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Case-Control Randomized Clinical Study"

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Potential competing interests: No potential competing interests to declare.

The research is a good attempt to study the effects of Moringa Oleifera on fertility. However, several methodological issues have proved to be limitations to the study.

1. The number of cases lost to follow-up is very large, and only  $\frac{1}{3}$  of the sample completed the study.
2. Compliance with the intake of capsules has not been addressed. It seems unlikely that all those who completed had 100% compliance.
3. The second control group of fertile women - their data has not been reported. What was the objective of enrolling them?
4. Data analysis of clinical trials should follow the ITT/Per Protocol analysis for true result interpretation.
5. Hence, while this study may give an indication of the benefits of moringa, more robust research is needed to substantiate these.
6. Figures showing differences in blood parameters would add to the readability of the paper.